1.12.

BUTLER 1631.

A NEW ALMANACK

for the yeare of our LORD CHRIST MDCXXXI.

¶ The third after leap-yeare.

¶ Calculated and chiefly referred to the meridian of the auncient sheir-town of *Leicester*; being neare the middle of this famous Island:

For the { latitude, 52 *degr.* 38 *min.*
longitude, 24 *degr.* 20 *min.*

BY ROBERT BUTLER.

¶ Printed by the Printers to the Universitty of Cambridge.

1631	Common notes of the moveable feasts	1632
17	The golden nomber	18
7	The epact	18
16	The circle of the sunne	17
B	The Dominicall letter	G
14	The Romane indiction	15
20 *Februar.*	Shrove-sunday	*Februar.* 12
10 *Aprill*	Easter day	*Aprill* 1
19 *May*	Ascension day	*May* 10
29 *May*	Whitsunday	*May* 20
27 *Novem.*	Advent sunday	*Decemb.* 2
8 *week.* 1 *day*	from Christmas *till* Shrovesun. are	7 *weeks*
25 *weeks*	from Trinity *till* Adventsunda. are	27 *weeks*

Since

The creation of the world	5597
Noahs floud	3941
The birth of Abraham	3644
Israels departure out of Egypt	3149
Building of London	2739
Destruction of Jerusalem	1542
England received the Christian faith	1451
Duke William the Conquerour	565
Gunnes were invented	251
Printing was invented	171
The royall exchange was built	64
The rebellion in the north	62
Massacre in France	59
Tilbury-camp	43
King Charles was born Novemb. 19	31
The damnable gunpouder-treason	26
The last great frost	23
The death of Prince Henry	19
The last blazing starre	13
His Majesties reigne began 27 of March	6

THE

THE

Anatomie of Mans body, as the parts thereof are ſaid to be governed by the twelve ſignes of the zodiaque.

♈ Head and face.

♉ Neck and throat.

♋ Breaſt, ſtomack, and ribs.

♍ Bowels and belly.

♏ Secret members.

♑ Knees.

♊ Arms and ſhoulders

♌ Heart and back.

♎ Reins and loyns.

♐ Thighes.

♒ Legs.

♓ the Feet.

¶ The characters of the planets and their aſpects.

♄ Saturn. ♃ Jupiter. ♂ Mars. ☉ The Sunne.
♀ Venus. ☿ Mercury. ☽ The Moon increaſing.
☾ The Moon decreaſing. ☌ Conjunction. ☍ Oppoſition. □ Quartile. △ Trine. ⚹ Sextile.
☊ Caput draconis. ☋ Cauda draconis.

January hath xxxi dayes.

Full moon 8 day, 56 minutes past 4 in the morning.
Last quartile 14 day, 23 minutes past 11 at night.
New moon the 22 day, 17 minutes past 6 in the morn.
First quarter 30 day, 41 min. past nine in the morn.

i	a	Circumcision	tau	2	✱ ♃ ☿ 5 p		6	af.	40	♎	11
ii	b	1 Sund. aft. Chr	tau	15	♂ ☌ ☿ 6 a		7		25	♏	12
iii	c	Oct. John	tau	27	☽ ☊ 8 p		8		14	♐	13
iiii	d	Oct. Innocents	gem	10	□ ☾ ♃ 4 p		9		2	♑	14
v	e	St. Edw. depos.	gem	13			9		55	♒	15
vi	f	Epiphanie	canc	5	△ ☾ ♃ 11 p		10		49	♓	16
vii	g	Julian martr.	canc	19	♂ ☽ ☿ 2 p		11		43	♈	17
viii	a	Lucian prieſt	leo	2	☽ ☿ ♂ 2 a		12		38	♉	18
ix	b	1 Sun. aft. Epip.	leo	16	♂ ☉ ☿ 5 p		*mor.*		38	♊	19
x	c	☉ in ♒ 6 12 a	leo	30			1		38	♋	20
xi	d	Higinus papa	vir	15	♂ ♃ ☾ 10 a		2		26	♌	21
xii	e	Archadius	vir	29	△ ☾ ♂ 3 a		3		22	♍	22
xiii	f	Hillary	libr	14			4		11	♎	23
xiiii	g	Felix & Jam.	libr	28	□ ♂ ☾ 7 a		5		1	♏	24
xv	a	Maurice abb.	scor	13	♂ ♐ ☾ 8 p		5		55	♐	25
xvi	b	2 Sun. aft. Epip.	scor	27	☽ ♉ 6 p		6		50	♑	26
xvii	c	Anthon. abbot	sagi	11	□ ♃ ☾ 7 p		7		48	♒	27
xviii	d	Pet. chair Rom	sagi	24			8		43	♓	28
xix	e	Wolſtan biſh.	capr	7			9		38	♈	29
xx	f	Octab. Hillar.	capr	20	□ ♄ ☿ 1 a		10		31	♉	30
xxi	g	Agnetis virg.	aqu	3	♂ ♂ ☾ 7 a		11		23	♊	31
xxii	a	Vincent mar.	aqu	15	□ ☽ ♐ 4 p		12		10	♋	Febr.
xxiii	b	3 Sun. aft. Epip.	aqu	28	♂ ☿ ☾ 3 a		*aſt.*		54	♌	2
xxiiii	c	Term begins	piſce	10			1		40	♍	3
xxv	d	Conver. S Paul	piſce	22	♂ ♃ ☾ 1 a		2		20	♎	4
xxvi	e	Policarp biſh.	arie	4	☽ apogeon		3		4	♏	5
xxvii	f	Quind. Hillar.	arie	16	✱ ☿ ☽ 6 a		3		45	♐	6
xxviii	g	Agnes ſecund.	ari	28	□ ☉ ♄ 4 a		4		27	♑	7
xxix	a	Valerius biſh.	tau	10	□ ☾ ♂ 6 a		5		11	♒	8
xxx	b	4 Sun. aft. Epip.	tau	22	♂ ☽ ☿ 4 a		5		56	♓	9
xxxi	c	Saturn	gem	5	△ ♂ ☾ 7 p		6		45	♈	10

February hath xxviii dayes.

Full moon the 6 day at 4 and 40 min. after noon.
Last quartile the 13 day, at 8 & 36 min. morn.
New moon the 20 day, 17 minutes past 11 at night.

d	Brydget Fast	gem	17	☐ ♃ ☽ 1 p	7	of. 36	g	11
e	Purification.	gem	30	△ ♄ ♃ 7 p	8	30	a	12
f	Craft Purific.	canc	14	△ ♄ ☽ 8 p	9	25	b	13
g	Gilbert confes.	canc	27		10	22	c	14
a	Agath. virg.	leo	11	☌ ☽ ☌ 2 p	11	18	d	15
♈	Septuagesima	leo	25	☿ ☌ ☽ 2 p	12	11	♋	16
c	Augustine	virg	10		mor.	11	f	17
d	☽ in ☌ 8 42 p	virg	24	☌ ☾ ♃ 4 a	1	8	g	18
e	Octab. Purif.	libra	9	☽ perig.	2	2	a	19
f	Scholast.	libra	24	☌ ☉ ☿ 8 p	2	55	b	20
g	Deiider. bish.	scorp	9	△ ☿ ☽ 1 a	3	47	c	21
a	Fermends	scorp	23	☌ ☾ ♄ 4 a	4	44	d	22
♉	Sexagesima	sagit	8	☐ ♄ ☌ 1 a	5	41	♌	23
c	Valentine	sagit	21	♃ ☐ ☽ 11 p	6	38	f	24
d	Faustine mar.	capri	5	✶ ☿ ☽ 6 p	7	33	g	25
e	Julian virg.	capri	17	✶ ♄ ☽ 1 p	8	27	a	26
f	Polycron bish.	capri	30	✶ ☿ ☽ 3 a	9	20	b	27
g	Simeon bish.	aqua	13	☐ ☽ ♄ 11 p	10	9	c	28
a	Sabinus mar.	aqua	25	☌ ☿ ☌ 9 a	10	57	Marc	
♊	Shrovesun day	pisc	7	✶ ☌ ☽ 11 a	11	41	♍	2
c	69 martyrs	pisc	19	☌ ☾ ♃ 8 p	12	22	f	3
d	Shrovetuesday	pisc	30	☌ ☿ ☾ 4 a	1	after	g	4
e	Policarp Fast	Arie	12	☽ apogeon	1	42	a	5
f	Matthias apost	aries	24	△ ♄ ☿ 1 a	2	24	b	6
g	Alexander bis.	taur	6		3	7	c	7
a	Nestoris bish.	taur	18	☾ ☽ ♄ 1 p	3	55	d	8
♋	Quadragesima	taur	30	△ ☉ ♄ 4 a	4	40	♎	9
c	Roman abbot	gem	12	☌ ♃ ☿ 1 a	5	30	f	10

Although in all things historicall we begin our yeare on the first of *January*, yet in all businesse legall the first day of the yeare 1631 is the 25 day of *March*.

March hath xxxi dayes.

First quarter the first day, at 3 and 51 minutes morning.
Full moon the 8 day, 35 min. past two in the morn.
Last quartile the 14 day, 55 min. past 6 at night.
New moon the 22 day, at 4 and 19 min. at night.
First quartile the 30 day, 47 minutes past five afternoon.

i	D	David bishop	gem.	25	△ ♂ ☽	11	a	6	af.	22	g	11
ii	E	Chadde bish.	canc	8	☌ ☉ ☿	3	p	7		17	a	12
iii	F	Maurice	canc	21	△ ☾ ♃	6	a	8		9	b	13
iiii	G	Vrian mart.	leo	5	△ ♀ ☾	1	a	9		7	c	14
v	A	Eusebius	leo	19	□ ☾ ♄	10	a	10		3	d	15
vi	B	2 Sund. in lent.	virg	4	☌ ♂ ☾	2	p	10		58		16
vii	C	Thomas Aquin	virg	18	✶ ♄ ☽	11	a	11		50	f	17
viii	D	Felix bishop	libr	3	☌ ♅ ☾	1	a	12		42	g	18
ix	E	40 martyrs	libr	18					mor.	42	a	19
x	F	949 p	scor	3	△ ☾ ♂	8	p	1		43	b	20
xi	G	Alexander	scor	18	☌ ♄ ☽	11	a	2		40	c	21
xii	A	Gregory pap.	sagi	2	△ ☽ ♅	3	a	3		37	d	22
xiii		3 Sund. in lent.	sagi	16	▨ ♂ ☾	1	a	4		35		23
xiiii	c	Peter Mart.	sagi	30	□ ☾ ♅	7	a	5		33	f	24
xv	D	Longinus m.	capr	14	☌ ♂ ☿	9	p	6		30	g	25
xvi	E	Cyriac.	capr	27	✶ ☽ ♅	2	p	7		25	a	26
xvii	F	Patrick bish.	aqu	10	✶ ♀ ☽	11	p	8		14	b	27
xviii	G	Edward king	aqu	22	□ ☾ ♄	3	a	9		00	c	28
xix	A	Jos. hus. Mary	pisc	4				9		46	d	29
xx	B	Midlent sunday	pisc	16	☌ ☾ ♂	11	a	10		29		30
xxi	C	Cuthbert conf.	pisc	28	☌ ☾ ♅	3	p	11		9	f	31
xxii	D	Benedict abb.	Arie	10	△ ♄ ♂	4	a	11		49	Apr.	
xxiii	E	Aphrodole	arie	21	☌ ♀ ☾	2	p	12		30	a	2
xxiiii	F	Theodore Fast	taur	3				1	af.	13	b	3
xxv	G	Annun. Mary	taur	15	☌ ☾ ♄	5	p	1		57	c	4
xxvi	A	Tasbor mart.	taur	27	△ ♄ ☿	7	a	2		42	d	5
xxvii	B	Init. reg CAR.	gem	9				3		29		6
xxviii	C	Dorothy virg.	gem	21	□ ☾ ☌	3	p	4		22	f	7
xxix	D	Eustace abbot	can	3	□ ☾ ♅	7	a	5		12	g	8
xxx	E	Guidon	can	16	△ ☾ ♄	1	p	6		7	a	9
xxxi	F	Adelm bishop	can	30	△ ♅ ☽	3	p	7		4	b	10

April hath xxx dayes.

Full moon the 6 day, 5 min. past 11 before noon.
Last quartile the 13 day, 42 min. after 6 in the morning.
New moon the 21 day, at 9 and 4 min. before noon.
First quartile the 29 day, at foure in the morning.

g	Mary Egypt	leo	13	☐ ☿ ☾ 5 p	7	af	57	s	11
a	Theodos. virg.	leo	28	☌ ♂ ☿ 5 p	8		51	d	12
B	Palm sunday	virg	12	✶ ☽ ♄ 7 p	9		43	B	13
c	Isidore bish.	virg	26	☌ ♃ ☿ 9 p	10		34	f	14
d	Vincent conf.	libr	12	☽ perig.	11		28	g	15
e	Sixtus mart.	libr	27		12		24	a	16
f	Egillipus	scorp	12	☋ ☽ ♄ 7 p	mer.		24	b	17
g	Dionysius	scorp	27	△ ☌ ☽ 7 p	1		26	c	18
a	Marcellus bi.	sagit	11	△ ☽ ☿ 4 a	2		28	d	19
B	Easter day	sagit	25		3		28	e	20
c	☉ in ♉	capr	9	☐ ♃ ☾ 3 a	4		28	f	21
d	Julius papa.	capr	23	☌ ♂ ♃ 8 p	5		23	g	22
e	Ermigil mart	aqu	6	✶ ☿ ♃ 9 a	6		19	a	23
f	Valerian mar	aqu	19	☐ ♄ ☽ 6 a	7			b	24
g	Anastac. mar.	pisce	1		7		52	c	25
a	Tiburtii mart.	pisce	13	△ ☾ ♄ 5 p	8		36	d	26
B	Low sunday	pisce	25	✶ ☾ ♀ 1 a	9		18	e	27
c	Elatherius	Arie	7	☌ ☾ ♃ 8 a	10		c	f	28
d	Alphage mart	arie	19	☽ apog.	10		42	g	29
e	Victor papa	arie	31	☌ ☾ ♀ 2 a	11		21	a	30
f	Simeon bish.	taur	12	☉ eclipsed.	12		14	May	
g	Father bish.	taur	24	☽ ☊ 1 p	aft.		49	c	2
a	GEORGE	gem	6	✶ ☽ ♃ 2 p	1		36	d	3
B	2 Sun. at Easter	gem	18	✶ ☽ ☌ 2 a	2		24	e	4
c	Mark evang.	gem	30	☌ ☉ ♄ 8 p	3		15	f	5
d	Clete bishop	canc	13	▨ ☾ ♃ 2 a	4		6	g	6
e	Term begins	canc	25		4		58	a	7
f	Vitalis mart.	leo	9	☐ ☽ ♄ 10 p	5		54	b	8
g	Peter of Mil.	leo	22	☽ ☌ △ 2 a	6		45	c	9
a	Erkinwald	virg	6	☌ ♄ ☿ 2 a	7		35	d	10

May hath xxxi dayes.

Full moon 5 day, two minutes past 7 at night.
Last quartile the 12 day, 18 min. past 8 at night.
New moon 21 day, 43 min. before one morning.
First quartile the 28 day, 49 min. before high noon.

i	B	Philip & Jam.	virg	21	✶ ☽ ♄ 2 a	8	af.	29	E	11
ii	c	Tres pasch.	libr	6	☍ ☾ ♃ 5 p	9		20	f	12
iii	d	Invent crucis	libr	20	☽ perig.	10		13	g	13
iiii	e	Flavian mar.	scorp	5	☌ ☉ ♀ 6 p	11		6	a	14
v	f	Gordard.	scorp	20	☉ eclipsed	12		3	b	15
vi	g	John port. lat.	sagi	5	△ ☽ ♃ 7 p	mor.		3	c	16
vii	a	Joh. Beverly	sagi	19	☍ ☾ ♀ 7 a	1		10	d	17
viii	B	4 Sun. af. Easter	capr	4	□ ♃ ☽ 11 p	2		13	E	18
ix	c	Mens. Pasch.	capr	17	✶ ☽ ♄ 5 a	3		9	f	19
x	d	Gordian mar.	aqu	2	△ ♀ ☾ 7 p	4		6	g	20
xi	e	☉ in ♊ 3 p	aqu	14	□ ☾ ♄ 11 a	5		0	a	21
xii	f	Anthony	aqu	27	✶ ☾ ♂	5		48	b	22
xiii	g	Servatius	pisc	9	△ ☾ ♄ 8 p	6		30	c	23
xiiii	a	Boniface mar	pisc	22	□ ♀ ☾ 8 p	7		17	d	24
xv	B	Rogation	Ari	4		8		0	E	25
xvi	c	Quind. Pasch.	arie	16	☌ ☽ ♃ 3 a	8		41	f	26
xvii	d	Restitut. virg.	arie	28	☽ apog.	9		21	g	27
xviii	e	Diascor. mar.	tau	9	☍ ♄ ☾ 7 p	10		3	a	28
xix	f	Ascension	tau	21	☽ ☊ 5 p	10		49	b	29
xx	g	Crast. Ascens.	gem	3	✶ ♂ ♀ 1 p	11		34	c	30
xxi	a	Helen. virg.	gem	15	✶ ☾ ♃ 6 a	12		22	d	31
xxii	B	6 Sun. af. Easter	gem	27	☌ ☽ ☿ 9 a	1	af	12	june	
xxiii	c	Term ends	canc	10	☌ ♀ ☾ 5 a	2		4	f	2
xxiiii	d	Domin. tran.	canc	22		2		54	g	3
xxv	e	Urban pope	leo	5	✶ ☉ ♃ 2 p	3		47	a	4
xxvi	f	Eluth. p. mar.	leo	18	□ ♄ ☽ 1 a	4		37	b	5
xxvii	g	Joan. pap.	virg	2	△ ☾ ♂ 10 p	5		29	c	6
xxviii	a	Germane bish	virg	16	△ ♄ ♀ 1 p	6		18	d	7
xxix	B	Whitsunday	virg	30	□ ♀ ♃ 6 p	7		8	E	8
xxx	c	Migan	libr	15	☍ ♃ ☾ 10 a	7		59	f	9
xxxi	d	Petronilla	libr	30	☽ perig.	8		53	g	10

June hath xxx dayes.

Full moon the 4 day, 9 minutes paſt 3 in the morn.
Laſt quartile the 11 day, 17 minutes before noon.
New moon the 19 day, 32 min. paſt one after noon.
Firſt quartile the 26 day, 27 min. paſt 4 after noon.

e	Ember week.	ſcorp	15	☌ ☿ ☾	8	a	9	af. 47	a	11
f	Marcelline m	ſcorp	29	☽ ♂	2	a	10	42	b	12
g	Eraſmus mar	ſagit	14	□ ♃ ☿	4	a	11	44	c	13
a	Petraphan.	ſagit	28				12	44	d	14
♋	Trinity ſund.	capr	12	▨ ☾ ♃	5	p	mor.	44	e	15
c	Craſt. Trin.	capr	26	☌ ☿ ♄	11	a	1	50	f	16
d	Rob. abb. Cic.	aqu	9	▨ ☿ ☽	11	a	2	45	g	17
e	Medard.	aqu	22	□ ♂ ☽	2	a	3	34	a	18
f	Corp. Chriſti.	piſce	5				4	19	b	19
g	Term begins	piſce	17	△ ☽ ☿	1	a	5	3	c	20
a	☉ in ♋	piſce	29	△ ♄ ☾	1	a	5	47	d	21
♋	1 Sund. aft. Trin	Arie	12	☌ ♃ ☾	8	p	6	26	e	22
c	Octab. Trinit.	arie	24	☽ apog.			7	13	f	23
d	Valerius mar	taur	6	□ ♀ ☾	5	a	7	54	g	24
e	Modeſtus ma	taur	18	☌ ☽ ♂	8	p	8	39	a	25
f	Tychon. epiſc.	taur	30	✶ ♀ ☽	11	p	9	26	b	26
g	Gundulph. bi.	gem	12	✶ ☽ ♂	9	p	10	12	c	27
a	Marcell. mar.	gem	24				11	2	d	28
♋	2 Sun. aft. Trin.	canc	7	△ ☿ ☽	9	p	11	56	e	29
c	Quind. Trinit.	canc	19	□ ☽ ♃	7	a	12	46	f	30
d	Edw. tranſlat	leo	2	☌ ♄ ☽	3	a	1	af 36	July	
e	Alban mart.	leo	15	☌ ☽ ♀	5	a	2	26	a	2
f	Ethelb. Faſt	leo	29	□ ♂ ☾	9	a	3	17	b	3
g	John Baptiſt	virg	13	✶ ☾ ♃	9	a	4	8	c	4
a	Adelb. confeſ.	virg	27	△ ♂ ☾	4	p	4	57	d	5
♋	3 Sun. aft. Trin.	libra	11	☍ ☽ ♃	11	p	5	49	e	6
c	Tres Trinit.	libra	25	☽ perig.			6	43	f	7
d	Leo pap. Faſt	ſcorp	10	☌ ☿ ☾	2	p	7	36	g	8
e	Peter apoſtle	ſcorp	24	□ ☾ ☿	4	a	8	32	a	9
f	Term ends	ſagit	9	□ ☉	4	7 p	9	30	b	10

July hath xxxi dayes.

Full moon the third day, 9 minutes past noon.
Last quartile the 11 day, at foure 58 min. in the morn.
New moon the 19 day, nine min. before one morning.
First quartile the 25 day, 30 minutes past 9 at night.

i	g	Rumoldus m.	sagit	23	☌	☉	☿	5	p	10	27	c	11
ii	a	Visitat. Mar.	capri	7	□	♃	☿	9	a	11	26	d	12
iii	♑	4 Sun. aft. Trin.	capri	21	□	☾	♃	8	a	12	22	♑	13
iiii	c	Martin transl.	aqua	4	△	☽	♂	2	p	mor.	22	f	14
v	d	Foe virgin	aqua	17	□	♄	☾	1	a	1	15	g	15
vi	e	Octab. S. Petri	aqua	30	☍	☾	♀	9	a	2	5	[illegible]	16
vii	f	Edelburg. vir	pisce	12	□	☾	♂	2	a	2	48	[illegible]	17
viii	g	Phillian. bish.	pisce	25						3	32	[illegible]	18
ix	a	Cyril bishop	Arie	7	✶	☽	♂	4	p	4	15	[illegible]	19
x	♑	5 Sun. aft. Trin.	arie	19	☌	☽	♃	11	a	4	56	♑	20
xi	c	Pius papa m.	taur	2	☾	apog.				5	39	i	21
xii	d	☉ in ♌	taur	14	☍	☾	♄	7	a	6	25	g	22
xiii	e	Dog daies beg	taur	26	☽	☊	3	a		7	12	a	23
xiiii	f	Anaclet bishop	gem	8	☌	☽	♂	8	p	8	1	b	24
xv	g	Swithin tran	gem	20	✶	☽	♃	9	a	8	50	c	25
xvi	a	Osmond	canc	3						9	44	d	26
xvii	♑	6 Sun. aft. Trin.	canc	16	□	☽	♃	6	p	10	36	♑	27
xviii	c	Simphron. m	canc	29						11	27	f	28
xix	d	Arnulphus	leo	12	□	♄	☽	11	a	12	19	g	29
xx	e	Just. & Ruff.	leo	25	△	♃	☽	1	a	1	af 12	a	30
xxi	f	Praxed virg.	virg	7	✶	♄	☽	4	p	2	3	b	31
xxii	g	Mary Magd.	virg	23	☌	☽	♀	1	a	2	54	Aug	
xxiii	a	Apolina bishop	libra	7	□	♃	☿	5	a	3	44	d	2
xxiiii	♑	7 Sun. aft. Trin.	libra	22	☍	♃	☽	8	a	4	34	♑	3
xxv	c	James apostle	scorp	6	□	☉	♄	5	a	5	28	f	4
xxvi	d	Ann. mat. Mar	scorp	21	✶	♀	☽	2	p	6	23	g	5
xxvii	e	Pantal. mart	sagit	5						7	21	a	6
xxviii	f	Hampson bish	sagit	19	☍	♂	☾	4	p	8	19	b	7
xxix	g	Martha virg.	capri	3						9	17	c	8
xxx	a	Beatrix mar.	capri	17	□	☽	♃	4	p			d	9
xxxi	♑	8 Sun. aft. Trin.	capri	30	☍	☽	☿	1	p			♑	10

Auguſt hath xxxi dayes.

Full moon the 1 day, at 10 and 57 minutes in the mor.
Laſt quartile the 9 day, at 9 and 57 minutes at night.
New moon the 17 day, 30 min. after 10 before noon.
Firſt quartile the 24 day, 29 min. paſt 3 in the morn.
Full moon the laſt day, 9 min. after high noon.

	c	Lammas day	aqua	13	☐ ☾ ♄ 9 a	11	5		f	11
	d	Stephen pap.	aqua	26	△ ♂ ☾ 10 a	12	45		g	12
	e	Inv. S. Ste.	piſce	8	△ ☾ ☿ 7 p	*mor.*	45		a	13
	f	Dominic. conf.	piſce	20		1	27		b	14
	g	Feſtum Nives	Arie	3	☐ ♂ ☽ 1 a	2	9		c	15
	a	Transfig. Dom.	arie	15	♂ ☾ ♃ 9 p	2	52		d	16
	b	9 Sun. aft. Trin.	arie	27	☐ ♄ ☿ 2 p	3	38		e	17
	c	Tyriac. mart.	taur	9	♂ ☽ ♄ 6 p	4	18		f	18
	d	Roman. mart.	taur	21	☽ ☊ 9 a	5	6		g	19
	e	Laurence mar	gem	3		5	52		a	20
	f	Tyburt. mart	gem	16	△ ♃ ☿ 4 p	6	42		b	21
	g	Clare virg.	gem	29	♂ ☽ ♂ 6 p	7	33		c	22
	a	☉ in ♌	canc	11	☐ ☽ ♀ 3 p	8	25		d	23
	b	10 Sun. af. Trin	canc	24	☐ ☽ ♃ 3 a	9	20		e	24
	c	Aſſumpt. Mar.	leo	7	☐ ♄ ☾ 10 p	10	13		f	25
	d	Eluther. biſh.	leo	21	△ ☾ ♃ 9 a	11	7		g	26
	e	Dog-dayes end	virg	4	♂ ☿ ☾ 2 a	12	0		a	27
	f	Agapit mart.	virg	18	♂ ♀ ♃ 11 p	*aſt.*	52		b	28
	g	Sebaldus	libra	3	☐ ☾ ♂ 5 p	1	43		c	29
	a	Bernard Ab.	libra	17	♂ ♀ ☾ 5 p	2	31		d	30
	b	11 Sun. af. Trin	ſcorp	1	△ ☽ ♂ 8 p	3	26		e	31
	c	Octab. Mary	ſcorp	17	♂ ☉ ☿ 9 a	4	23		*Sept.*	
	d	Zachet Faſt	ſagit	1		5	19		g	2
	e	Bartholomew	ſagit	16	△ ♃ ☾ 4 p	6	18		a	3
	f	Lewis. K. Fra	ſagit	30	✶ ☽ ♀ 4 a	7	17		b	4
	g	Zephirin. mar	capri	14	☌ ♂ ☾ 4 a	8	16		c	5
	a	Ruffinus mar	capri	27	△ ☽ ♀ 2 p	9	12		d	6
	b	12 Sun. aft. Trin	aqua	10	☐ ♄ ☽ 6 p	10	2		e	7
	c	J. Bap. beh.	aqua	23	✶ ♃ ☽ 3 a	10	51		f	8
	d	Felix & Andre	piſce	5	△ ☾ ♀ 4 a	11	36		g	9
	e	Paulinus	piſce	17	△ ♄ ☾ 5 a	12	18		a	10

September hath xxx dayes.

Last quartile the 8 day, 3 min. after five at night.
New moon the 15 day, 41 min. after 7 at night.
First quartile the 22 day, 41 min. before noon.
Full moon the last day, 17 min. past 4 in the morn.

i	f	Gyles abbot.	pisce	29	△ ♄ ♂ 1 a	mor.	18	b	11
ii	g	Veronice	Arie	11	□ ♂ ☾ 7 p	0	57	c	12
iii	a	Seraph. virg	arie	23	☌ ☽ ♃ 1 a	1	37	d	13
iiii	B	13 Sun. aft. Trin	taur	5	☽ apog.	2	20	E	14
v	c	Bertine	taur	17	☍ ♄ ☽ 6 a	3	5	f	15
vi	d	Elutherius	taur	29	□ ♂ ♃ 9 a	3	51	g	16
vii	e	Nat. Qu. Eliz.	gem	11	△ ☿ ☽ 4 a	4	44	a	17
viii	f	Nat. Mary virg	gem	23	✶ ☽ ♃	5	31	b	18
ix	g	Gorgonius m.	canc	6		6	25	c	19
x	a	Silvius	canc	19	☌ ☽ ♂ 1 p	7	16	d	20
xi	B	14 Sun. aft. Trin	leo	2		8	10	E	21
xii	c	☉ in ♌	leo	15	☌ ♀ ♄ 4 a	9	3	f	22
xiii	d	Ember week	leo	29	☍ ♃ ☿ 2 a	9	56	g	23
xiiii	e	Holy rood.	virg	13	✶ ☽ ♄ 3 p	10	48	a	24
xv	f	Nichomedes	virg	27	✶ ♂ ☾ 3 a	11	38	b	25
xvi	g	Euphem. vir.	libr	12	☍ ☾ ♃ 6 p	12	31	c	26
xvii	a	Lambert bish.	libr	27	☽ perig.	1	af 23	d	27
xviii	B	15 Sun. aft. Trin	scorp	12	☌ ☾ ♄ 5 p	2	20	E	28
xix	c	Theodor. bish.	scorp	27	☌ ♀ ☽ 4 a	3	18	f	29
xx	d	Eustac. Fast	sagit	11		4	17	g	30
xxi	e	Matthew apo.	sagit	26	✶ ☾ ☿ 8 p	5	17	Octo	
xxii	f	Victorius	capr	10	□ ♃ ☽ 9 p	6	16	b	2
xxiii	g	Lin. first pope	capr	23	☍ ☽ ♂ 6 p	7	14	c	3
xxiiii	a	Androchie	aqua	7	□ ☽ ☿ 6 a	8	7	d	4
xxv	B	16 Sun. aft. Trin	aqua	20	△ ♂ ♀ 8 p	8	59	E	5
xxvi	c	Cyprian. mar	pisce	2	□ ☽ ♀ 5 a	9	47	f	6
xxvii	d	Cosm. & Dam	pisce	15	☍ ☉ ♃ 10 p	10	31	g	7
xxviii	e	Edith. vir.	pisce	27	△ ☽ ♂ 6 p	11	12	a	8
xxix	f	Michael arch.	Arie	8	☍ ☾ ♃ 11 p	11	55	b	9
xxx	g	Hierom priest	arie	20		12	34	c	10

October hath xxxi dayes.

Last quartile the 8 day, 30 min. past 8 in the morning.
New moon the 15 day, 5 min. past 5 in the morn.
First quartile the 21 day, 20 min. past 10 at night.
Full moon the 29 day, 46 minutes after 10 at night.

	a	Remigius	taur	2	☐ ☌ ☽	10 a	*mor*	35	b	11
♍		17 Sun.aft.Trin	taur	14	☌ ☽ ☋	7 p	1	16		12
	c	Candid. mart	taur	25			1	58	f	13
	d	Francis. conf.	gem	7	☌ ☿ ☽	9 a	2	44	g	14
	e	Apolinaris	gem	19	✶ ☾ ♃	1 a	3	34	a	15
	f	Octab. Mich.	canc	1			4	24	b	16
	g	Marks pope	canc	14	☐ ♃ ☾	10 a	5	18	c	17
	a	Peleg. penit.	canc	27			6	8	d	18
♎		18 Sun.aft.Tri.	leo	10	☌ ☽ ☌	4 a	6	58		19
	c	Term begins	leo	23	☐ ☋ ☾	2 a	7	52	f	20
	d	Michael. bish.	virg	7	☐ ☽ ☿	8 p	8	43	g	21
	e	☉ in ♍	virg	21	△ ♃ ☿	11 a	9	34	a	22
	f	Quind. Mich.	libra	6	☌ ☽ ♃	10 p	10	24	b	23
	g	Calixti	libra	21	✶ ☿ ☽	1 a	11	18	c	24
	a	Aurelia virg.	scorp	5	☉ eclipsed		12	13	d	25
♏		19 Sun. af. Trin	scorp	21	☌ ☽ ♄	8 a	1 *af*	11		26
	c	Etheldred	sagit	5	△ ☽ ♃	10 p	2	11	f	27
	d	Luke evang.	sagit	20	☌ ☾ ☿	5 a	3	12	g	28
	e	Fridesw. vir	capri	5	☐ ♃ ☾	11 p	4	14	a	29
	f	Tres Mich.	capri	19	✶ ☽ ☿	5 a	5	12	b	30
	g	Ursula	aqua	3			6	7	c	31
	a	Severus bish.	aqua	16	☐ ☽ ☋	6 p	7	0		
♑		20 Sun. af. Trin	aqua	29			7	49		2
	c	Maglorie	pisce	12	☐ ☌ ☿	1 a	8	32	f	3
	d	Chrispin	pisce	24	☌ ☉ ☿	11 a	9	18	g	4
	e	Evarist. pope	Arie	5	☌ ☽ ♃	10 p	9	59	a	5
	f	Mens. Mic. Fast	arie	18	△ ☾ ☌	4 a	10	39	b	6
	g	Simon & Jude	arie	30	▨ ☌ ☌	2 a	11	22	c	7
	a	Marcellus bish	taur	11	☽ eclipsed.		12	3	d	8
♒		21 Sun. af. Trin	taur	23	☌ ♄ ☽	6 a	*mor*	3		9
	c	Quintin Fast	gem	4					f	10

November hath xxx dayes.

Last quartile the 6 day, 14 min. past 10 at night.
New moon the 13 day, 9 min. past 3 after noon.
First quartile the 20 day, at one afternoon.
Full moon the 28 day, at six at night.

i	d	All saints	gem	16	♄ apog.		1	af 5	g	11	
ii	e	Animarum	gem	28	♄ 20 ♏		2	2	a	12	
iii	f	Cras. Anim.	canc	10	☌ ☉ ☿ 11 a		3	1	b	13	
iiii	g	Emanuus	canc	22	♑ 9 ♈		4		c	14	
v	a	Powder treas	leo	5	♂ 17 ♌		5		d	15	
vi	b	22 Sun. af. Trin	leo	18	♀ 23 ♐		5	5	e	16	
vii	c	Willibrood	virg	2	☿ 9 ♍		6	3	f	17	
viii	d	4 crowned mar	virg	16	☊ 3 ♉		7	2	g	18	
ix	e	Theodore ma.	virg	29	☌ ☽ ♑ 16		8	1	a	19	
x	f	Tyrphen mar	libra	14	✶ ☽ ♂ 9 p		9		b	20	
xi	g	Martin bish.	libra	29	☽ perig. the		9	5	c	21	
xii	a	Cras. Mart.	scorp	14	12 day		10	5	d	22	
xiii	b	☉ in ♐	scorp	29	△ ☽ ♑ 17		11	5	e	23	
xiiii	c	Jucundus bish	sagit	14	△ ☽ ♂ 12		12	5	f	24	
xv	d	Leopoldus	sagit	29	▨ ☽ ♑ 18		mor.	5	g	25	
xvi	e	Edmund depo	capri	13	♃ 9 ♈		2	5	a	26	
xvii	f	Hugon bishop	capri	27	△ ♂ ♀ 10		3	4	b	27	
xviii	g	Octab. mart.	aqua	11	□ ♄ ♂ 5 p		4	3	c	28	
xix	a	K. Charls born	aqua	24	♂ 22 ♌		5	2	d	29	
xx	b	24 Sun. aft. Trin	pisce	7	♀ 20 ♐		6		e	30	
xxi	c	Edmond king	pisce	20	☿ 20 ♍		7	4	Dece		
xxii	d	Presen of Ma	arie	2	△ ☉ ♑ 16		7	2	g	1	
xxiii	e	Cicely virgin	arie	15	☌ ♄ ☿ 22 day.		8	1	a	3	
xxiiii	f	Clement pap.	arie	27	□ ☌ ♀ 23 da		9	1	b	4	
xxv	g	Quin. Mart.	taur	9	☽ ☊		9	1	c	5	
xxvi	a	Catherin virg	taur	20	☽ apog.		9	5	d	6	
xxvii	b	Advent sund.	gem	2	☌ ☽ ☿ 6a		10	3	e	7	
xxviii	c	Term ends.	gem	14	☌ ☉ ♀ 19		11	2	f	8	
xxix	d	Saturn Fas	gem	26	✶ ☽ ♂ 11 a		12	1	g	9	
xxx	e	Andrew apost	canc	8	□ ☽ ♑ 4 p		0	1	a	10	

December hath xxxi dayes.

Last quartile the 6 day, at 9 and 57 min before noon.
New moon the 13 day, 6 min. past 2 in the afternoon.
First quartile the 20 day, 36 min. past 7 in the morn.
Full moon the 28 day, 16 minutes after noon.

f	Eligius bish.	canc	20	♎ ♄ ☾ 8 p							
g	Bibian virg.	leo	2	♎ ☾ ☿ 10 p							
a	Luctus king	leo	15	♎ ♃ ☽ 2 a							
b	2 Sun. in Adve.	leo	28	♌ ☾ ♂ 9 a							
c	Habbe abbot.	virg	11	☐ ♀ ☾ 4 p							
d	Nicholas bish	virg	25	♌ ☿ ♀ 10 a							
e	Ambrose bish.	libra	9	♌ ♃ ☽ 1 p							
f	Concep. Mar.	libra	24	✶ ☾ ♂ 6 p							
g	Oculus bish	scorp	8	☽ ♈ 8 p							
a	Melchiades	scorp	23	♌ ♄ ☾ 3 p							
b	3 Sun. in Adven	sagit	8	♎ ☽ ♃ 3 p							
c	☉ in ♑ 2 56 a	sagit	23	♌ ☿ ☾ 1 p							
d	Lucie virg.	capr	7	♎ ☾ ♃ 5 p							
e	Michaelus bish	capr	21	✶ ♄ ☾ 7 p							
f	Ember week	aqua	5	♎ ♂ ☿ 1 a							
g	O sapientia	aqua	19	♎ ♃ ♀ 2 a							
a	Lazarus bish.	pisce	2	♋ ☾ ♂ 4 a							
b	4 Sun. in Adven	pisce	15	☐ ☽ ♀ 3 a							
c	Nemes. mart.	pisce	28	♎ ☾ ♄ 7 a							
d	Philog. Fast	arie	11	◪ ☿ ☾ 5 a							
e	Thomas apost	arie	23	♌ ☾ ♃ 4 a							
f	30 Martyrs	taur	5	♌ ☉ ☿ 2 a							
g	Victoria virg.	taur	17	☽ ♋ 3 a							
a	Delphin, Fast	taur	29	♋ ♄ ☾ 7 a							
b	Christ born	gem	8	✶ ☽ ♃ 11 p							
c	S. Stephen.	gem	23	✶ ☽ ♂ 9 p							
d	S. John.	canc	5								
e	Innocents.	canc	17	☐ ☽ ♃ 1 a							
f	Thom. cant.	canc	29	♎ ☽ ♄ 7 a							
g	James transl.	leo	12	♎ ♃ ☾ 11 a							
a	Sylvester	leo	25	♌ ☽ ♂ 4 p							

A plain and easie Table, shewing the beginning, continuance, and ending of the Reignes of all the Kings and Queens since *William* the Conquerour: with the time since their reigne ended to this yeare.

The Kings Names.	Began their Reigne.	Reigned year, mon. da.	Since their Reigne.
William Conq.	1066 *Octob.* 14	20 11 22	544 *Septemb.* 9
William Rufus.	1087 *Septem.* 9	12 11 18	531 *August* 1
Henry 1	1100 *Aug.* 1	35 4 11	496 *Decemb.* 2
Stephen.	1135 *Decem.* 2	18 11 18	477 *Octob.* 25
Henry 2	1154 *Octob.* 25	34 9 1	442 *July* 6
Richard 1	1189 *July* 6	9 9 0	432 *April* 6
Iohn	1199 *April* 6	17 7 0	415 *Octob.* 19
Henry 3	1216 *Octob.* 19	56 1 0	359 *Novem.* 16
Edward 1	1272 *Nov.* 16	34 8 6	324 *July* 7
Edward 2	1307 *July* 7	19 7 5	305 *Ianua.* 25
Edward 3	1326 *Ianu.* 25	50 5 7	254 *Iune* 21
Richard 2	1377 *Iune* 21	22 3 14	232 *Septem.* 29
Henry 4	1399 *Sept.* 29	13 6 3	219 *March* 20
Henry 5	1412 *Mar.* 20	9 5 24	209 *Aug.* 31
Henry 6	1422 *Aug.* 31	38 6 8	171 *March* 4
Edward 4	1460 *March* 4	22 1 8	148 *April* 9
Edward 5	1483 *April* 9	0 2 18	148 *Iune* 22
Richard 3	1483 *Iune* 22	2 2 5	146 *August* 22
Henry 7	1485 *Aug.* 22	23 10 24	122 *April* 22
Henry 8	1509 *April* 22	37 10 2	85 *Ianu.* 28
Edward 6	1546 *Ianu.* 28	6 5 19	78 *July* 6
Qu. *Marie.*	1553 *July* 6	5 4 22	73 *Novem.* 17
Qu. *Elizabeth*	1558 *Nov.* 17	44 4 16	29 *March* 24
K. *Iames.*	1602 *Mar.* 24	22 0 3	6 *March* 27
K. CHARLES.	1625 *Mar.* 27		

¶ Note that each king began his reigne at the same time that the next precedent king ended his.

¶ A plain and easie table of the foure termes and their returns for this yeare 1631.

Hillary terme begins *January* 24, ends *February* 12 day.

return day, or da. of essoyn		da. of excep		return brev.		day of appa.	
Hilab. *Hillar.*	Januar. 20	Januar.	21	Januar.	22	Januar.	24
Quind. *Hillar.*	Januar. 27	Januar.	28	Januar.	29	Januar.	31
Octa. *Purific.*	Februar. 3	Februar.	4	Februar.	5	Februar.	7
Hilab. *Purific.*	Februar. 9	Februar.	10	Februar.	11	Februar.	12

Easter term begins *April* 27, ends *May* 23 day.

Quind. *Pasch.*	April 25	April	26	April	27	April	28
Tres *Pasch.*	May 2	May	3	May	4	May	5
Mens. *Pasch.*	May 9	May	10	May	11	May	12
Octa. *Pasch.*	May 16	May	17	May	18	May	18
Octa. *Ascen.*	May 20	May	21	May	23	May	23

Trinity term begins *June* 10, and ends *June* 29 day.

Octa. *Trinit.*	June 6	June	7	June	8	June	10
Hilab. *Trin.*	June 13	June	14	June	15	June	16
Quind. *Trin.*	June 20	June	21	June	22	June	23
Tres *Trin.*	June 27	June	28	June	29	June	30

Michaelmas term begins *October* 10, ends *Novemb.* 28 day.

Hilab. *Mich.*	Octob. 6	Octob.	7	Octob.	8	Octob.	10
Quind. *Mich.*	Octob. 13	Octob.	14	Octob.	15	Octob.	17
Tres *Mich.*	Octob. 20	Octob.	21	Octob.	22	Octob.	24
Mens. *Mich.*	Octob. 27	Octob.	28	Octob.	29	Octob.	31
Octa. *Anim.*	Novem. 3	Novem.	4	Novem.	5	Novem.	7
Octa. *Martin.*	Novem. 12	Novem.	14	Novem.	14	Novem.	15
Hilab. *Martin.*	Novem. 18	Novem.	19	Novem.	21	Novem.	21
Quind. *Mart.*	Novem. 25	Novem.	26	Novem.	28	Novem.	28

¶ Note that the exchequer openeth eight dayes before any term beginneth, except *Trinity* term; before which it openeth onely foure dayes.

A tide-table, ſhewing the time of full ſea, upon the day of the moons change, in moſt of the principall havens in or neare *England*.

Quinborough, Southampton, Portſmouth, Spits	0	0
Rocheſter, Redban, Aberden, Malden, Weſt of Nore	0	45
Downs, Graveſend, Romney, Tennet, Ramkins	1	30
Dundee, S. Andrews, Silly, Lisbon, S. Lucas, Maze	2	15
London, Hartlepool, Tinmouth, Amſterdam, Gaſgoin	3	0
Barwick, Oſtend, Scarborough, Flamborough, Fluſhing	3	45
Erith, Leith, Dunbar, Narbon, Monſh. Egmon.	4	30
Flamouth, Garnſey, Lizard, Waterford	5	15
Foy, Humber, Lin, Waymouth, Dartmouth, Plimouth	6	0
Briſtoll, Foulneſſe, Lanion, Antwerp	6	45
Milford, Bridgwater, Exwater, Northcoaſt	7	30
Portland, Peterport, Hareflew, Blanch	8	15
Orkney-pool, Orwell, S. Hellen, Fee	9	0
Orford, Casket, Needles, Deep	9	45
Harwich, Dover, Yarmouth, Dublin	10	30
Calice, Rie, Winchelſey, Gorend, Calſhot	11	15

The uſe of the table.

FOr the finding of full ſea in any of the ports abobe named, at any other time between change and full moon, you are to adde the houres and minutes found in the laſt columne of the foregoing table, right againſt the haven, to the moons coming to the ſouth, found in the ſixt columne of the Almanack, and the ſumme thereof is your deſire: but if that ſumme amount to abobe 12, then caſt away 12 and the remainder is your deſire. Note alſo that the letter *m* in the ſixt columne of the Almanack ſignifies morning, and the letter *a* afternoon.

Example. Ianuary the 16 I deſire to know the time of full ſea at London bridge: wherefore I look in the foregoing table for London, and finde that on the change day it will be full ſea at three of the clock; wherefore I adde three houres

to

to the moons coming to the ſouth, which I finde in the ſixth column of the Almanack, right againſt the ſixteenth day of January to be ſix houres and 50 minutes in the morning, and it makes 9 a clock and 50 minutes, which is the true time of full ſea on the day propoſed, and this reaſon holds for all other places that are in the table.

¶ The uſe of the table following.

THis table of the length of the ſunnes ſhadow, is to finde the houre of the day by the help of a walking ſtaffe, or what other gnomon you pleaſe to make uſe of, it being firſt divided into 10 equall parts, and then again one of thoſe equall parts ſubdivided into 10 equall parts, and ſo ſhall your ſtaffe or gnomon be ſuppoſed to be divided into an 100 parts, wherewith if you deſire the houre of the day, erect your ſtaffe perpendicular, or upright, upon a levell ground, and note the length of the ſhadow; which ſhadows length meaſured with the parts of the ſtaffe, enter the number of thoſe parts into the table right againſt the day of the moneth, and that number found, note what number ſtands over it in the head of the table, which is the number of the houre before or after noon. Example.

I deſire the houre of the day the 10 of March, I therefore (the ſunne ſhining) ſet up my ſtaffe, and finde the length of the ſhadow to contain 31 of thoſe parts into which my ſtaffe is divided; wherefore I look into my table for March, and the tenth day thereof, and in the ſame line towards the right hand, I finde 31, and over it in the head of the table I finde 4 and 8, which is 8 in the morning, or 4 in the afternoon. Again, the 30 of May I deſire the houre of the day, I therefore ſet up my ſtaffe as before, and finde the length of the ſhadow ſeven whole parts, and ſome part of an other, which I meaſure with the leſſer diviſions, and finde to be ſix, that is, ſeven parts and ſix tenths, which I look in the table againſt the 30 of May, and finde over it 2 and 10, which is the houre of the day before or after noon, as the title above ſhewes.

A plain and ẽasie table shewing the length of the sunnes shadow for every houre of the day, exactly calculated by the doctrine of triangles.

Before noon	12	11	10	9	8	7	6	5
After noon	0	1	2	3	4	5	6	7
June 10	0	5 6	6	7 5	10	13	19	30	57
30	23	5 7	6 2	7 6	10	13	19	31	59
May 20	4	6	6 5	8	11	14	20	32	64
10	13	6 4	7	8 4	11	15	22	35	80
April 30	24	7	7 5	9	12	16	24	40	109
20	3	7 8	8 3	9 8	13	17	26	48	194
10	13	8 7	9	11	14	19	30	62	
March 30	24	10	10 6	12 4	16	23	37	96	
20	3	11	12	14	18	27	47	187	
10	13	13	14	16	21	31	63		
February 28	23	15	16	19	25	39	99		
20	1	17	18	21	29	48	173		
10	11	20	21	25	36	66	202		
January 30	22	24	25	31	47	107			
20	1	28	30	37	59	296			
10	11	32	35	44	77	732			
December 30	23	36	40	52	100				
20	3	39	43	58	122				
0	10	41	44	60	131				

The foure quarters of this yeare 1631.

⊙ in ♑, ♒, ♓.

WInter is our first quarter Astronomicall, and taketh his beginning when the sunne entreth into the first scruple of Capricorn; which was in the precedent yeare 1630 on the 11 day of December, at 9 and 5 min. past at night, and continueth while the sunne passeth through ♑, ♒, ♓, which will be 89 dayes and 44 min. of an houre, which is the true quantity of this quarter.

⊙ in ♈, ♉ ♊.

THe Spring being the second quarter of the Astronomicall yeare, taketh his beginning when the sunne entreth into the first scruple of Aries, which is on the 10 of March, at 9 of the clock and 49 min. past at night, and continueth while the sunne passeth through ♈, ♉, ♊, which will be 93 dayes, 3 houres, and 4 min. which is the true quantity of this quarter.

⊙ in ♋, ♌, ♍.

SUmmer is the third quarter of the Astronomicall yeare, and beginneth when the sunne entreth into the first scruple of Cancer, which will be on the 12 day of June, at one and 52 minutes past in the morning, and continueth while the sunne passeth through ♋, ♌, ♍, which will be in 93 dayes, 15 houres, and 41 minutes, which is the true quantity of this quarter.

⊙ in ♎, ♏, ♐.

AUtumne is the fourth and last quarter of the Astronomicall yeare, and taketh his beginning when the sunne entreth into the first scruple of Libra, which will be on the 13 day of September, at 4 and 24 minutes past in the afternoon, and continueth while the sunne passeth through ♎, ♏, ♐, which will be 89 dayes, 10 houres, and 20 minutes, which is the true quantity of this quarter. These foure quarters added together make the true tropicall yeare, 365 dayes, 5 houres, and 49 minutes.

The eclipſes this yeare 1631.

THere will be preſented this yeare to the view of the earths inhabitants foure eclipſes; that is to ſay, two of the ſunne, and two of the moon: whereof thoſe two of the ſunne will not be ſeen in our horizon.

The firſt eclipſe of the ſunne will be on the 21 of April, about 7 in the morning. The ſecond of the ſunne will be on the 15 of October at five and 30 min. in the morning, but neither of theſe will be ſeen of us.

The firſt eclipſe of the moon will be on the fifth of May, the beginning thereof will be at five and 19 min. 37 ſec. and will be totally darkned at 6 and 20 min. 38 ſec. the middle of the eclipſe will be at 7 and 9 min. 34 ſec. and begins to recover light at 7 and 58 min. 30 ſec. the end of the eclipſe will be at 8 and 59 min. and 31 ſec. at night: the totall duration will be 3 hour. 39 min. and 54 ſeconds, and the digits eclipſed are 22 parts, 3 min. but on this fifth of May the ſunne ſets at 8 of the clock and 26 min. at which time the moon riſeth, and continueth eclipſed but 33 min. after her riſing, and therefore is partly enlightned before the eclipſe appeare unto us.

The ſecond eclipſe of the moon will be on the 29 of October, the beginning thereof will be at 8 and 46 min. 52 ſec. at night (for then will the earth begin to interpoſe it ſelf between the ſunne and the moon, the ſemidiameter of the earths ſhadow being 39 min. 5 ſec. will cauſe the moon to be eclipſed 4 hour. 17 min. and 6 ſec.) and will be totally darkned at 9 and 58 min. and 36 ſec. (at which inſtant the moon enters into the very knot which we call the dragons head, and ſo hath no latitude at all) the middle of the eclipſe is at 10, 55 min. and 25 ſec. ſhe begins to recover her light at 11, 52 min. 14. ſeconds, the end of the eclipſe will be at one and 3 min. and 58 ſec. next morning, at which time ſhe will be fully repleniſhed with her borrowed light, the digits eclipſed will be 19 parts, 48 minutes, and 45 ſeconds.

Notes

¶ Notes and obſervations phyſicall.

SEeing that bloud is the preſerver and nouriſher of life; for therein hath life the principal ſeat and abode, therefore ought every one to have the greater care and circumſpection in the effuſion thereof, that it be done with advice and counſel of thoſe that are skilfull and experienced therein, leſt by their raſhnes and head-ſtrong courſes, they rather become murtherers of their bodies, then repairers of the ſtrength thereof. Speciall regard is therefore to be had unto the age, complexion, and ſtrength of the patient, as alſo unto the configuration of the heavens, wherein we are warned to have great care of the ſolſtitiall and equinoctial points, that a vein be not opened within ten dayes thereof, and eſpecially neare the ſummer ſolſtice, and the autumnall equinox; nor yet when the ſunne reſteth with canis major, arcturus, or the pleiades, ought a vein to be opened. Again, none ought to bleed but thoſe that are plethorically oppreſſed with rankncs of bloud, or that have diſtented veins; and as for thoſe that are very young, weak, or old perſons, or thoſe that are very lean, or very fat and groſſe perſons, theſe ought not to bleed unleſſe the caſe be very urgent: yet in ſome diſeaſes, as the peſtilence, pluriſie, calentures, and ſuch like; all exceptions laid aſide, a vein is ſpeedily to be opened. Therefore

Let bloud the { Sanguine, Cholerick, Melancholy, Phlegmatick } in the ☾ { ♉, ♍, or ♏. ♋, ♏, or ♐. ♎, ♑, or ♒. ♈, ♌, or ♐. }

Let bloud { Youth, Middle age, Elder age, Decrepite } from the { change to the firſt qu. / firſt quarter to the ful. / full to the laſt quarter. / laſt quar. to the change }

Prepare humours the moon in ♎, ♑, or ♒.

Purge { Phlegmatick, Cholerick, Melancholy } the ☾ { a △ or ✶ of ☉ or ♂. / a △ or ✶ of ♀. / a △ or ✶ of ♅. }

Purge by	Neezing, Gargarisines, Vomits, Glysters	the ☽ in	♋, ♌, or ♍. ♋, or ♈. ♈, ♂, or ♏. ♈, ♎, or ♍.
Comfort the vertues	Attractive, Digestive, Retentive, Expulsive	the ☽ in	♑, ♌, or ♐. ♊, ♎, or ♒. ♂, ♍, or ♑. ♋, ♍, or ♓.
Bath for	Hot diseases, Cold diseases, Cleanlinesse	the ☽ in	♋, ♍, ♓, in a △, or ✶ of ♅ or ♀. ♈, ♌, ♐, in a △, or ✶ of ♂ or ☉. ♎, ♓; △, or ✶ ♀.

¶ Observations for husbandry.

SOw or set seeds, the moon in ♈, ♋, ♍, ♎, or ♓, and in a △ or ✶ of ♄, ♅, or ♀.

Plant or graft trees the moon in ♂, or ♒.

Remove young trees in the last quarter of the moon, from October untill February, the moon in ♂, or ♑.

Prune your vines in February, March, or September, the moon increasing in ♈, ♎, or ♍.

Lib or geld cattell from the last quarter to the change, the moon in ♈, ♐, or ♑.

Cut hair to grow the moon increasing, in ♂, ♎, or ♍.

Destroy hair, corns, warts, wens, in the last quarter.

Shear sheep, fell copice, plash hedges, and crop or lop trees, the moon increasing.

Fell timber for building in January and February in temperate weather, the moon in the last quarter.

Manure and fallow your land, the moon increasing.

Set or sow beans, pease, onyons, garlick, parsnips, carrets, and the like, after the full moon.

Kill beebes and swine neare the full moon.

Gather herbs and fruits to keep in the last quarter, in fair and dry weather after noon.

Janu-

January.

Daies	*day break*		*sun rise*		*leng. day*		*sunne set*		*len. night*		*twylight.*	
5	5	51	8	2	7	56	3	58	16	4	6	9
10	5	46	7	54	8	12	4	6	15	48	6	14
15	5	39	7	46	8	28	4	14	15	32	6	21
20	5	32	7	38	8	44	4	22	15	16	6	28
25	5	25	7	29	9	2	4	31	14	58	6	35
30	5	16	7	20	9	20	4	40	14	40	6	44

Saturn is in 17 degrees of ♏, riseth at two and foure minutes after, and is south at six and 29 minutes after in the morning. Iupiter in 14 degrees of ♓, is south at two and 23 minutes afternoon, and sets at six and 49 minutes at night. Mars in 26 degrees of ♍, riseth at seven of the clock in the morning. Venus in 28 degrees of ♍ riseth at 7 of the clock and 31 min. in the morning. Mercury in 9 degrees of ♒ sets with the sunne.

February.

Daies	*day break*		*sunne rise*		*leng. day*		*sunne set*		*len. night*		*twylight*	
5	5	7	7	8	9	44	4	52	14	16	6	53
10	4	58	6	58	10	4	5	2	13	56	7	2
15	4	48	6	48	10	24	5	12	13	36	7	12
20	4	38	6	37	10	46	5	23	13	14	7	22
25	4	28	6	28	11	4	5	32	12	56	7	32
28	4	21	6	21	11	24	5	42	12	42	7	39

Saturn in 18 degrees of ♏ riseth 52 minutes before one, and is south at 8 and 54 minutes past in the morning. Iupiter in 21 degrees of ♓ sets at six of the clock and 36 minutes past at night. Mars in 20 degrees of ♒ riseth half an houre before the sunne. Venus the 10 day of this moneth is in conjunction with the sunne, and they with Mercury keep house together in ♓.

March

March.

Daies	*daybreak*		*sunneriſe*		*leng. day*		*sunne ſet*		*len. night*		*twylight*	
5	4	9	6	10	11	40	5	50	12	20	7	51
10	3	57	6		12		6		12		8	3
15	3	46	5	50	12	20	6	10	11	40	8	14
20	3	36	5	40	12	40	6	20	11	20	8	24
25	3	20	5	30	13		6	30	11		8	40
30	3	5	5	19	13	22	6	41	10	38	8	55

Saturn in 17 degrees of ♏ riſeth at 19 and 15 min. after at night, is ſouth at 2 and 44 min. and ſets at 7 and 9 minutes morning. Jupiter in 27 degrees of ♐ riſeth and ſets with the ſunne. Mars in 12 degrees of ♐ riſeth at 5 and 17 minutes after in the morning. Venus keeps with the ſunne in ♈: and Mercury in 21 degrees of ♐ riſeth a quarter after 5 in the morning.

Aprill.

Daies	*daybreak*		*sunneriſe*		*leng. day*		*sunne ſet*		*len. night*		*twylight*	
5	2	48	5	8	13	44	6	52	10	16	9	12
10	2	32	4	58	14	4	7	2	9	56	9	28
15	2	15	4	48	14	24	7	12	9	36	9	45
20	2	1	4	39	14	42	7	21	9	18	9	59
25	1	36	4	30	15		7	30	9		10	24
30	1	13	4	21	15	18	7	39	8	42	10	47

Saturn in 15 degrees of ♏ riſeth at 10 and 19 minutes at night, is ſouth 17 minutes before one, and ſets at five and 11 minutes in the morning. Iupiter and Mars the 12 day in 4 degrees of ♈ are in conjunction at 9 of the clock and 40 minutes paſt at night. Venus in 20 degrees of ♉ ſets 17 minutes before 9 of the clock at night. Mercury in 17 degrees of ♈ riſeth at 4 and 19 minutes paſt in the morning.

May.

Daies	*daybreak*		*sunnerise*		*leng. day*		*sunneset*		*len. night*		*twylight*	
5		36	4	13	15	34	7	47	8	26	11	24
10	continuall dawning.		4	6	15	48	7	54	8	12	continuall twilight.	
15			3	59	16	2	8	1	7	58		
20			3	54	16	12	8	6	7	48		
25			3	48	16	24	8	12	7	36		
30			3	45	16	30	8	15	7	30		

Saturn in 13 degrees of ♏ is south at 10 of the clock and 39 minutes past at night, and sets at 3 and 11 minutes past next morning. Iupiter in 12 degrees of ♈ riseth at 2 of the clock and 16 minutes past in the morning. Mars in 28 degrees of ♈ riseth at 2 of the clock and 40 minutes past in the morning. Venus in 26 degrees of ♊, sets at ten of the clock at night. Mercury in 13 degrees of ♊, sets at 8 and 56 minutes past at night.

June.

Daies	*daybreak*		*sunnerise*		*leng day*		*sunneset*		*len. night*		*twylight*	
5			3	42	16	36	8	18	7	24		
10	continuall dawning.		3	41	16	38	8	19	7	23	continuall twylight.	
15			3	42	16	36	8	18	7	24		
20			3	43	16	34	8	17	7	26		
25			3	46	16	28	8	14	7	32		
30			3	50	16	20	8	10	7	40		

Saturn in 11 degrees of ♏ is south at 8 and 21 min. past at night, and sets at one next morning. Iupiter in 16 degrees of ♈ riseth 49 min. before one in the morning. Mars in 21 degrees of ♉ riseth a quarter past one in the morning. Venus in 3 degrees of ♌ sets at 10 at night, and Mercury in 26 degr. of ♋ sets at 9 and 41 min. at night.

July.

Daies	*day*	*break*	*sunnerise*		*leng. day*		*sunneset*		*len. night*		*twylight*	
5		contin. dawnin	3	58	16	4	8	2	7	56		contin. twilight
10			3	2	15	56	7	58	8	4		
15			3	8	15	44	7	52	8	16		
20		47	3	16	15	28	7	44	8	32	11	1[illegible]
25	1	18	3	23	15	14	7	37	8	46	10	4[illegible]
30	1	44	3	32	14	56	7	28	9	4	10	1[illegible]

Saturn in 11 degree of ♏ sets at 11 of the clock at night. Iupiter in 19 degrees of ♈ riseth at 10 and 18 minutes at night, and is south at 5 of the clock in the morning. Mars in 12 degrees of ♊ riseth three quarters before one in the morning. Venus in nine degrees of ♍ sets at nine of the clock at night. Mercury in 13 degree of ♋, riseth at two and 27 minutes past in the morning.

August.

Daies	*day*	*break*	*sunnerise*		*leng day*		*sunneset*		*len. night*		*twylight*	
5	2	5	4	43	14	34	7	17	9	26	8	24
10	2	22	4	52	14	16	7	8	9	44	8	10
15	2	40	5	2	13	56	6	58	10	4	7	58
20	2	54	5	12	13	36	6	48	10	24	7	48
25	3	8	5	22	13	6	6	38	10	44	7	36
30	3	22	5	32	12	56	6	28	11	4	7	24

Saturn in 12 degrees of ♏ sets at nine of the clock at night. Iupiter in 18 degrees of ♈ riseth at 8 and 14 min. past night, and is south at 2 and 54 minutes past in the morning. Mars in 3 degrees of ♋ riseth at 11 and 36 minutes past at night. Venus in 14 degree of ♎ sets a little after eight of the clock at night. Mercury is in combustion.

September.

September.

	daybreak		*sunnerise*		*leng. day*		*sunne set*		*len. night*		*twylight*
♍	3	36	5	44	12	32	6	16	11	28	8	24
♍	3	50	5	54	12	12	6	6	11	48	8	10
♎	4	2	6	4	11	52	5	56	12	8	7	58
♎	4	12	6	14	11	32	5	46	12	28	7	48
♎	4	24	6	25	11	10	5	35	12	30	7	36
♎	4	36	6	35	10	50	5	25	13	10	7	34

Saturn in 15 degrees of ♏ sets a quarter after seven at night. Jupiter in 15 degrees of ♈ riseth at six of the clock and 20 minutes past at night, and is south seven minutes before one, and sets at seven and 26 minutes past in the morning. Mars in 23 degrees of ♋ riseth at 11 and 31 minutes at night, and comes to the south half an houre after seven next morning. Venus in 18 degrees of ♏, sets at seven and 23 min. at night. Mercury in 20 degrees of ♎, sets at six and 30 minutes at night.

October.

	daybreak		*sunnerise*		*leng. day*		*sunne set*		*len. night*		*twylight*
♎	4	45	6	45	10	30	5	15	13	30	7	15
♎	4	53	6	55	10	10	5	5	13	50	7	7
♏	5	4	7	5	9	50	4	55	14	10	6	56
♏	5	13	7	15	9	30	4	45	14	30	6	47
♏	5	22	7	25	9	10	4	35	14	50	6	38
♏	5	29	7	34	8	52	4	26	15	8	6	31

Saturn in 18 degrees of ♏ sets half an houre after five at night. Iupiter in 12 degrees of ♈ riseth at 4 and 23 minutes past at night, and is south at 10 and 48 minutes, and sets at 5 and 13 minutes past next morning. Mars in the eighth degree of ♋ riseth at 11 of the clock at night, and comes to the south at six and 45 minutes past in the morning. Venus in 14 degrees of ♐ sets at 6 of the clock and 40 minutes after at night. Mercury in 16 degrees of ♎ sets at 5 and 26 minutes at night.

Novem-

November.

Daies	*day break*		*sun rise*		*leng. day*		*sunne set*		*len. night*		*twylight*	
5	5	37	7	44	8	32	4	16	15	28	6	23
10	5	43	7	52	8	16	4	8	15	44	6	17
15	5	49	8		8		4		16		6	11
20	5	54	8	6	7	48	3	54	16	12	6	6
25	5	58	8	11	7	38	3	49	16	22	6	2
30	6	1	8	15	7	30	3	45	16	30	5	59

Saturn in 22 degrees of ♍, riseth at seven in the morning. Iupiter in 9 degrees of ♈ is south at 8 and 33 min. past at night, and sets at 2 and 52 minutes in the morning. Mars in 21 degrees of ♌, riseth at ten and 17 minutes past at night, and is south at 5 and 33 min. past in the nert morning. Venus in 23 degrees of ♐ setteth at 5 and 9 min. after at night. Mercury in 14 degrees of ♍ riseth a quarter after six in the morning.

December.

Daies	*day break*		*sunne rise*		*leng. day*		*sunne set*		*len. night*		*twylight*	
5	6	2	8	18	7	24	3	42	16	36	5	58
10	6	2	8	19	7	22	3	41	16	38	5	58
15	6	2	8	18	7	24	3	42	16	36	5	58
20	6	1	8	17	7	26	3	43	16	34	5	59
25	5	58	8	13	7	34	3	47	16	26	6	2
30	5	54	8	9	7	42	3	51	16	18	6	6

Saturn in 25 degrees of ♍ riseth at 5 and 6 minutes past in the morning. Iupiter in 10 degrees of ♈ comes to the south at 6 and 23 min. past at night, and sets a quarter before one in the morning. Mars in 27 degrees of ♌ riseth at 8 and 34 minutes at night, and is south at three and 43 min. in the morning. Venus in 10 degrees of ♐ riseth half an houre after six in the morning. Mercury waits on his master.

The

The uſe of theſe monethly tables is to finde the time of the ſunnes riſing and ſetting, the length of the day and night, the day breaks, and the continuance of twilight: whoſe uſe will appeare in this one example.

January the 20 day I deſire all or any of the things before named: I therefore look for the moneth of January, and on the left hand for the twentieth day thereof, under the title daies, then proceed toward the right hand, and in the next columne I finde five houres and 32 minutes for the day breaks, as the title over ſhewes: next is ſeven houres and 38 minutes, the time of ſunne-riſe, as the title over it ſhewes: and next eight houres and 44 minutes, the length of the day; and ſo of the reſt, onely note that in every columne the firſt number is houres, and the ſecond is minutes.

Note alſo, that for every moneth you have after his table the planets true place in the ecliptique, for the 15 day of every moneth, with their nocturnall riſing, ſouthing, and ſetting, in houres and minutes, truely caſt for the ſame day of the moneth.

¶ The use of the tables of interest following.

Although usury hath not been maintained by any statutes in this Christian commonwealth, yet hath the excesse thereof bren bounded by many statutes to shew the utmost extent thereof, beyond which bounds it may not exceed; as (to let the others passe) in the 21 yeare of king Iames it was enacted that no man upon any contract should take either directly or indirectly, for the forbearance of an hundred pounds for a yeare, above eight pounds for the loan thereof: and according to that rate for a greater or a lesser summe, or for a longer or shorter time, according to which rate I have calculated this little table of interest following whose use I will shew as briefly as I can.

This table is divided into 12 columnes, which answer to the twelve moneths of the yeare, as you may see them on the head of the table: on the left hand is a little column, and on the top thereof written interest money, and the numbers increase from the foot thereof towards the top, as 1, 2, 3 pence, and so to 11 pence, then from one to tenne shillings, and from one pound to nine pounds, and from ten pounds to an hundred, and in this columne you are to account the interest money lent, as if I lend 90 pounds for six moneths, I look for 80 pounds on the left hand columne, and so proceeding to the right hand untill I come under the title *6 moneths*, I finde the interest thereof to be 3 pounds, ten shillings, seven pence, and 377 the fraction, whose denominator is 1000, as you see in the head of every columne, so the interest for eight pounds for the same time will be found in the same columne six shillings, three pence, and 322 parts of 1000, and so the interest for 8 shillings will be for the same time three pence, 766, and for eight pence the interest will be onely 314 parts.

Example

Example. I would know the interest of 197 pounds, 18 shillings, seven pence for five moneths; I place therefore this summe as in the margint, first the 100 pounds, then under it 90 pounds, and under that 7 pounds, and so the ten shillings, and the 8 shillings, and last of all the 7 pence: I therefore look for the interest of an 100 pounds, and finde it to be in the columne of 5 *moneths*, 3 pounds, 5 shillings, 2 pence, 081: and the interest of the 90 pounds to be 2 pounds, 18 shillings, 7 pence, 873, which I place unter the former summe, and for 7 pound the interest is 4 shillings, 6 pence, 746: and the interest of tenne shillings I finde to be 3 pence, 911: and for the 8 shillings to be 3 pence 126, and for 7 pence only 228, all which summes placed one under the other as you see in the margine, and summed up, make 6 pounds, 8 shillings, 11 pence, 965, which is the interest of the summe propounded: and if you desire to know how many farthings are in the fraction, multiply it by 4, and there will be three farthings, and 860 parts of a farthing. But if this question be resolved by some other tables already set forth, the interest will be 6 pounds, 11 shillings, 11 pence; too much by 3 shillings. But to let them passe and to prove the truth of mine own, which yet remains, and shall be performed thus; If an 100 pound be put forth for 6 moneths, the interest to be taken for the time is to be so much, as that it being let out with the principall for the rest of the yeare, may at the years end produce 108 pounds and no more; and therefore the interest for six moneths cannot be 4 pounds, but three pounds 19 shil. 5 pence, 531, as these tables shew, and this with the principall let out for the other 6 moneths will be an 108 pounds, as by working of it will appeare in this example.

poun.	pou.	shil.	pen.	
100	3	5	2	081
90	2	18	7	873
7		4	6	746
10 shil.			3	911
8			3	126
7 pen.				228
	6	08	11	965

A table of intereſt at eight on the hundred.

	1 moneth			2 moneths			3 moneths			4 moneths			5 moneths			6 moneths		
poun	ſhil.	pen.	1000	po.	ſh.	p. 1000	po.	ſh.	p. 1000	po.	ſh.	p. 1000	po.	ſh.	p. 1000	po.	ſh.	p. 1000
100	12	10	440	1	5	9 827	1	18	10 237	2	11	11 652	3	5	2 081	3	18	5 531
90	11	6	996	1	3	2 483	1	14	11 613	2	6	9 286	2	18	7 873	3	10	7 378
80	10	3	552	1	0	7 861	1	11	0 989	2	1	6 921	2	12	1 664	3	2	9 225
70	9	0	108		18	0 878	1	7	2 366	1	16	4 556	2	5	7 457	2	14	11 072
60	7	8	664		15	5 896	1	3	3 743	1	11	2 191	1	19	1 248	2	7	0 918
50	6	5	220		12	10 913		19	5 118	1	5	11 826	1	12	7 041	1	19	2 766
40	5	1	776		10	3 931		15	6 494	1	0	9 460	1	6	0 833	1	11	4 613
30	3	10	332		7	8 948		11	7 872		15	7 095		19	6 624	1	3	6 459
20	2	6	888		5	1 966		7	9 248		10	4 730		13	0 417		15	8 307
10	1	3	444		2	6 983		3	10 624		5	2 365		6	6 208		7	10 154
poun	ſhil.	pen.	1000	ſhil.		pen. 1000	ſhil.		pen. 1000	ſhil.		pen. 1000	ſhil.		pch. 1000	ſhil.		pen. 1000
9	1	1	896	2		3 884	3		5 962	4		8 129	5		10 388	7		0 739
8	1	0	352	2		0 787	3		1 299	4		1 892	5		2 566	6		3 324
7		10	808	1		9 688	2		8 636	3		7 656	4		6 746	5		5 908
6		9	264	1		6 589	2		3 974	3		1 419	3		10 925	4		8 491
5		7	720	1		3 492	1		11 813	2		7 182	3		3 105	3		11 078
4		6	176	1		0 393	1		6 649	2		0 946	2		7 284	3		1 662
3		4	632			9 296	1		1 988	1		6 709	1		11 463	2		8 247
2		3	088			6 198			9 326	1		0 473	1		3 642	1		4 832
1		1	544			3 098			4 663			6 237			7 822			2 416

2	3	088	6	196	9	3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1	544	3	098	4	663	6	237	7	822	[illegible]	416

shil.	1000	pen.	1000	pen.	1000	pen.	1000	pen.	1000	pen.	1000
10	772	1	548	2	334	3	118	3	911	4	709
9	694	1	394	2	101	2	806	3	520	4	238
8	617	1	239	1	866	2	594	3	126	3	767
7	540	1	085	1	635	2	182	2	738	3	296
6	463		929	1	398	1	870	2	347	2	826
5	386		774	1	166	1	559	1	956	2	354
4	309		619		933	1	247	1	565	1	883
3	231		466		699		935	1	174	1	413
2	154		311		467		623		783		943
1	077		156		234		311		392		472
pen	1000		1000		1000		1000		1000		1000
11	070		143		214		286		359		433
10	064		129		196		259		326		393
9	058		117		174		234		274		353
8	051		103		156		208		262		314
7	045		091		136		182		228		276
6	038		078		116		156		196		236
5	032		064		095		129		164		197
4	025		052		078		104		131		158
3	019		038		058		078		098		118
2	013		026		038		052		066		078
1	006		013		019		026		033		040

A table of interest at eight on the hundred.

Interest money	7 moneths				8 moneths				9 moneths				10 moneths				11 moneths				12 moneths	
	po.	sh.	p.	1000	po.	sh.	p.	1000	po.	sh.	p.	1000	po.	sh.	p.	1000	po.	sh.	p.	1000	po.	shil.
100	4	11	10	006	5	5	3	511	5	18	10	056	6	12	5	644	7	6	2	294	8	00
90	4	2	7	805	4	14	9	159	5	6	11	451	5	19	2	684	6	11	6	865	7	4
80	3	13	5	604	4	4	2	808	4	15	10	445	5	5	11	719	5	16	11	435	6	8
70	3	4	3	403	3	13	8	457	4	3	2	329	4	12	8	754	5	2	4	005	5	12
60	2	15	1	2 3	3	3	2	106	3	11	3	634	3	19	5	789	4	7	8	596	4	16
50	2	5	11	003	2	12	7	755	2	19	5	028	3	6	2	825	3	13	1	147	4	08
40	1	16	8	803	2	2	1	404	2	7	6	422	2	12	11	860	2	18	5	718	3	4
30	1	7	6	603	1	11	7	053	1	15	7	817	1	19	8	895	2	3	10	288	2	8
20		18	4	401	1	1	0	702	1	3	9	211	1	6	5	930	1	9	2	859	1	12
10		9	2	201		10	6	351		11	10	606		13	2	965		14	7	439		16
	shil	pen.		1000	shil.	pen.		1000	shil.	pen.		1000	shil.	pen.		1000	shil.	pen.		1000	shil.	pen.	1000
9	8	3		180	9	5		715	10	8		341	11	11		069	13	1		886	14	4	800
8	7	4		160	8	5		080	9	6		081	10	7		172	11	8		343	12	9	600
7	6	5		140	7	4		445	8	3		821	9	3		276	10	2		800	11	2	400
6	5	6		120	6	3		810	7	1		561	7	11		379	8	9		257	9	7	200
5	4	7		100	5	3		175	5	11		301	6	7		485	7	3		714	8	0	000
4	3	8		080	4	2		540	4	9		041	5	3		586	6	10		171	6	4	800
3	2	9		061	3	1		905	3	6		781	3	11		690	4	4		629	4	9	600
2	1	10		040	2	1		270	2	4		521	2	7		793	2	11		086	3	2	400
1		11		020	1	0		635	1	2		261	1	3		898	1	5		543	1	7	200

	7 months		8 months		9 months		10 months		[illegible]		[illegible]	
shil.	pen.	1000	pen.	1000	pen.	1000	pen.	1000	pen.	1000	pen.	1000
10	5	510	6	317	7	133	7	948	8	770	9	600
9	4	959	5	686	6	345	7	153	7	893	8	640
8	4	408	5	054	5	704	6	358	7	016	7	680
7	3	857	4	422	4	991	5	563	6	139	6	720
6	3	306	3	790	4	278	4	769	5	262	5	760
5	2	756	3	159	3	565	3	974	4	365	4	800
4	2	204	2	522	2	852	3	179	3	308	3	840
3	1	653	1	[illegible]	2	139	2	384	2	631	2	880
2	1	102	1	[illegible]	1	423	1	389	1	754	1	920
1		[illegible]		[illegible]		713		794		877		960
pen		1000		1000		1000		1000		1000		1000
11		[illegible]		[illegible]		653		728		854		899
10		457		[illegible]		594		662		721		799
9		413		474		535		597		658		719
8		367		421		475		530		585		639
7		322		368		416		465		512		559
6		275		316		356		397		438		479
5		229		263		297		331		365		399
4		184		210		235		264		292		320
3		138		158		178		199		219		239
2		093		105		119		132		146		169
1		046		053		059		066		073		083

The firſt 6 moneths gives me 3 pounds, 18 ſhillings, and 5 pence, 531, which I place in the margine with the principall, as I did the

	poun.	ſhill.	pence
pounds	3	18	5
100	3	18	5
3		2	4
10 ſhill.			4
8			3
5 pence			
531			
	8	00	0

ſumme before, and gathering their ſeverall ſummes out of the tables, as I ſhewed before, they will ſtand as in the margine they are placed, and added together make up the juſt ſumme as you ſee.

531 thering their ſeverall
531 ſummes out of the ta-
246 bles, as I ſhewed be-
709 fore, they will ſtand
767 as in the margine they
197 are placed, and added
21 together make up the
003 juſt ſumme as you ſee.

FINIS.